

Message

From: Parsons, Roger [Roger.Parsons@town.barnstable.ma.us]
Sent: 1/20/2015 4:05:47 PM
To: Cody, Ray [Cody.Ray@epa.gov]; Saad, Dale [Dale.Saad@town.barnstable.ma.us]
Subject: RE: EPA Stormwater BMP Project

Good morning Ray - did indeed receive. Thank you all for your consideration - Dale should be responding to you regarding meeting dates. We look forward to continued close partnership on this project. Regards,Roger

-----Original Message-----

From: Cody, Ray [mailto:Cody.Ray@epa.gov]
Sent: Tuesday, January 20, 2015 8:57 AM
To: Parsons, Roger; Saad, Dale
Subject: FW: EPA Stormwater BMP Project

Roger / Dale, wondering if you did not somehow receive this . ..?

From: Cody, Ray
Sent: Thursday, January 15, 2015 9:19 AM
To: 'Parsons, Roger'; 'Saad, Dale'
Cc: Hamjian, Lynne; Hunter, Johanna; Simpson, Karen; Ken Hickey; Bruce Jacobs; Matt Lundsted; 'Nick Cristofori'; Jones, Percy
Subject: EPA Stormwater BMP Project

Roger / Dale,

Attached is a draft Task 1 Summary Memo we recently received from our Contractors, WaterVision / CEI re: our stormwater (SW) nitrogen best management practice (BMP) retrofit project. The recommendations contained therein are based in large part on the field work conducted in December and all the information you so kindly provided.

If you recall, under the Performance Work Statement (PWS) which contemplated the scope of a SW BMP construction project for the control of nitrogen, we scoped a preliminary design task (Task 1) to help determine the technical and financial feasibility of the overall project. For this purpose and because of the uncertainties associated with the complexity of constructing a SW BMP for nitrogen, we had identified two (2) municipal sites for Task 1 consideration: your Gateway Marina Area (115 Pleasant St. / 135 South St.), and a site in Chatham.

I hope you will be pleased to see that on the basis of the information presented, it appears feasible to design and construct an innovative trench-based BMP at your Gateway Marina Site. Indeed, we are pleased to note it appears feasible to design and construct both your site AND the site in Chatham.

As you know, the Gateway Marina Area site is somewhat geographically constrained. As we anticipated then, the proposed preliminary design focuses strictly on nitrogen – meaning, a 0.3 inch water quality volume (WQV). Although the WQV target is only 0.3 inches, we nevertheless anticipate very good overall pollutant control performance due to the significance of controlling both (a) the more numerous smaller storm events, as well as (b) the ‘first flush’ of pollutants which occurs during each storm. Consequently, we anticipate notable control of other pollutants such as total suspended solids (TSS), phosphorus, and bacteria (pathogens) even though we are not designing for control of a 95 percentile storm (1 – 1.2 inches).

As we near the time for construction, I’d like to propose two in-person meetings (similar to our October 2014 Kickoff Meeting):

- a meeting in early February to discuss and answer questions and concerns you may have regarding the design in general, incl. permitting aspects, and to confirm in-kind services you may be able to provide; and

- a "Pre-Construction Meeting" (mid-March) to discuss logistics associated with construction. For this meeting, I anticipate our Construction Subcontractor would attend, in part to meet municipal personnel who will be contacts for the construction phase of the project.

In the meanwhile, please review the attached draft report and let me know if you have any questions, comments or concerns. Any substantive comments impacting the design are to be incorporated into a Final Task 1 Summary Memo.

Thank you so much and so far for your help and interest in this project.

R. Cody
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